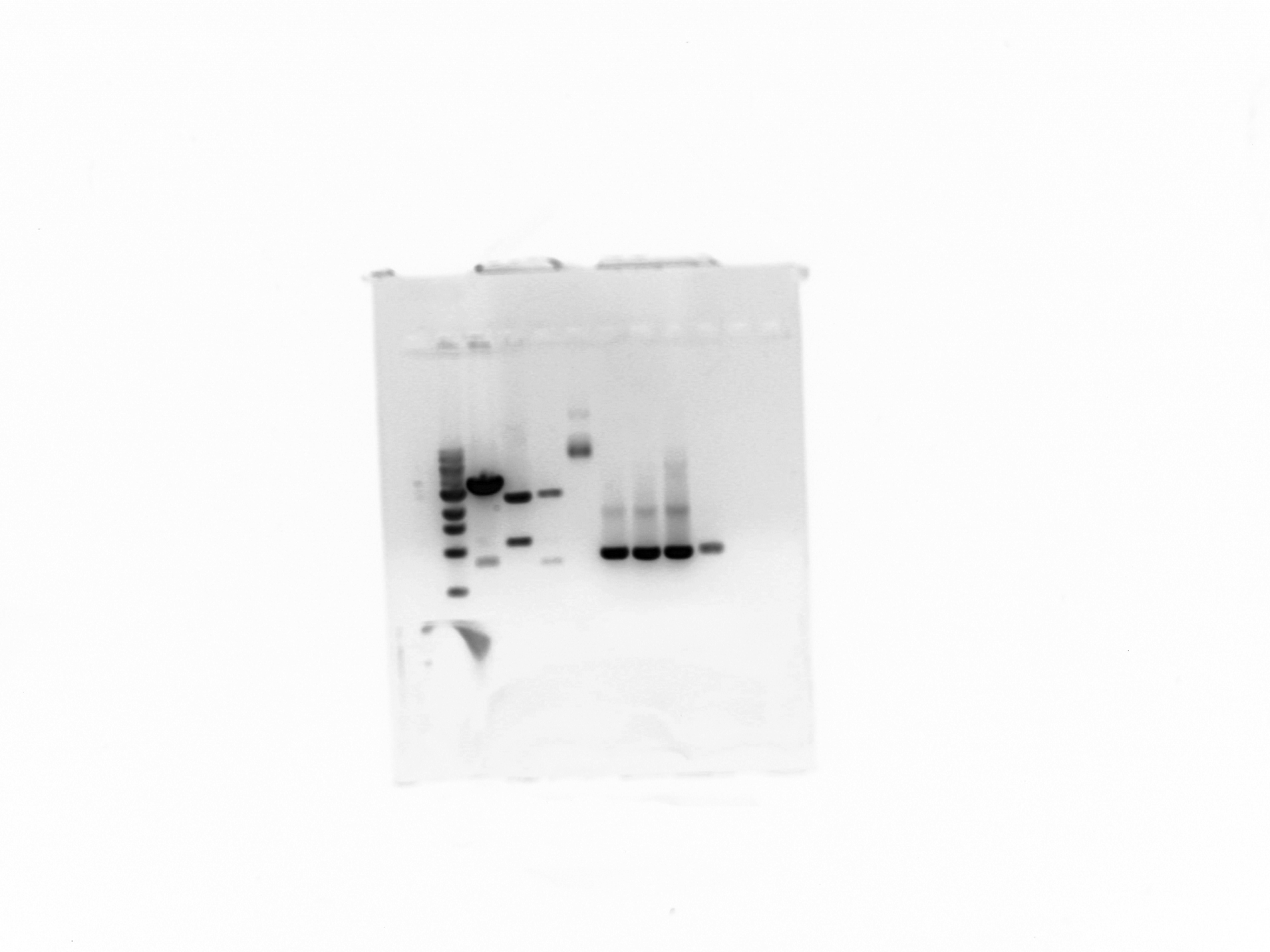
Joshua Bantseev

6/16/11

VDS



Lane 1: Skipped  
Lane 2: 1kb DNA ladder

Lane 3: EcoRI digest

Lane 4: PvuII digest

Lane 5: EcoRI + PvuII digest

Lane 6: uncut plasmid\*

Lane 7: tube A PCR

Lane 8: tube B PCR

Lane 9: tube C PCR

Lane 10: tube D PCR

\*uncut plasmid added at 38min.

Lane 3: I expected 1 band, not 2. This may be due to contamination. The width of the upper band suggests that I forced the mixture.

Lane 4: 2 bands were expected. This is what we obtained.

Lane 5: 3 bands were expected. 3 bands appear in this image. One band is barely visible.

Lane 6: This band needs to be approximately on the same level as the band in lane 3 (because pGBR22 was cut at only one point with EcoRI). The band is higher in the image because the uncut pGBR22 was added 7 minutes after the voltage was turned on.

Lanes 7 – 9: I expected the bands to be on the same level since the Purple Protein coding sequence was in all three lanes.

Lane 10: No band should appear since no DNA sequence was added. A band appears probably due to my forcing the mixture in lane 9 causing some of the contents to spill over into lane 10.